



Lumec RoadFocus LED Cobra head luminaires feature a sleek design that provides seamless replacement of existing HID luminaires. RoadFocus is available in three sizes, offers multiple lumen packages, and a complete array of optical distributions, making it an outstanding solution for all types of roadway applications. Includes Service Tag, innovative way to provide assistance throughout the life of the product.

Project: _____

Location: _____

Cat.No: _____

Type: _____

Lumens: _____ Qty: _____

Notes: _____

Ordering guide

example: RFL-215W96LED4K-G2-R3M-UNV-DMG-RCD7-GY3

Series	LED module	CCT	Generation	Distribution	Voltage	Controls ⁴	Options	Finish
RFL			G2					
RFL RoadFocus large	145W64LED 135W80LED 180W80LED 270W80LED 215W96LED 85W100LED¹⁴ 105W100LED¹⁴ 165W100LED¹⁴ 225W100LED¹⁴ 305W100LED¹⁴ 190W112LED 241W112LED 350W112LED 130W120LED¹⁴ 200W120LED¹⁴ 270W120LED¹⁴ 155W140LED¹⁴ 230W140LED¹⁴ 310W140LED¹⁴	4K 4000K 3K 3000K 2.7K¹¹ 2700K	G2 Generation 2	Type 2 R2S Type II short (ASYM) R2M Type II Medium (ASYM) Type 3 R3S Type III short (ASYM) R3M Type III Medium (ASYM) Type 4 4 Type IV (ASYM) Type 5 5 Type V (SYMM)	UNV 120-277V HVU 347-480V	D4I¹⁶ Zhaga-D4i certified DALI¹ Digitally addressable lighting interface DMG⁵ 0-10V SRD¹ Sensor ready driver, standard configuration SRD1¹ Sensor ready driver, alternate configuration	API Factory installed NEMA label, ANSI C136.15-2015 compliant FAWS⁷ Field adjustable wattage selector CSS^{2,15} Cul-de-Sac Shield FSS^{2,15} Front Side Shield HS^{2,15} House Side Shield LSS^{2,15} Left Side Shield RSS^{2,15} Right Side Shield NRC⁸ No receptacle NYBC 4 - position terminal block OMS¹⁷ Outdoor Multisensor PH8^{1,10} Twist-lock photoelectric cell, UNV (120-277VAC) PH8/347^{10,13} Twist-lock photoelectric cell (347VAC) PH8/480^{10,13} Twist-lock photoelectric cell (480VAC) PHXL^{1,10} Twist-lock photoelectric cell, extended life, UNV (120-277VAC) PH9¹⁰ Shorting cap RCD^{3,9} Receptacle for twist-lock photocell or shorting cap, 5-pin (optional) RCD7^{3,5} Receptacle for twist-lock photocell or shorting cap, 7-pin (standard) SP2 20kV / 10kA Surge protector TLRSR⁶ SR receptacle BAC¹⁸ Meets the requirements of the Buy American Act of 1933 (BAA)	BK Black BR Bronze GY3 Gray WH White

¹ Not available with HVU.

² Refer to Accessories section to confirm compatibility of shields with optical distribution.

³ Use of photoelectric cell or shorting cap is required to ensure proper illumination.

⁴ Select either DALI or DMG or SRD or SRD1 mandatory option.

⁵ Please note this integrated feature come standard with RoadFocus.

⁶ Only available with SRD or SRD1 Driver Options.

⁷ Only available with DMG Driver Options

⁸ Not available with PH8, PH8/347, PH8/480.

PHXL, PH9, DALI, SRD or SRD1 Driver Options.

⁹ Not available with SRD Driver Options.

¹⁰ Either RCD or RCD7 must be selected for this option.

¹¹ Extended lead-time may apply. Consult factory.

¹² FAWS table accuracy +/- 15% on these models.

¹³ Not available with UNV.

¹⁴ Only available with R2M or R3M distributions.

¹⁵ 1 shield provided per LED light engine.

¹⁶ TLRSR must be selected with D4I

¹⁷ TLRSR and DALI must be selected with OMS

¹⁸ Failure to properly select the "BAC" suffix could result in you receiving product that is not BAA compliant product with no recourse for an RMA or refund. This BAC designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies.

¹⁹ Consult Signify to confirm whether specific accessories are BAA-compliant.

Accessories¹⁹ (must be ordered as separate line items - quickly and easily installed in the field)

Interact City Connector node (Contact the factory for additional support when connected lighting or additional services are desired.)

Shielding accessories

Description	Luminaire Option Code	Accessory Ordering Code		Shield vs Distribution Compatibility					
		12/16 LED version*	20 LED version*	R2M	R2S	R3M	R3S	4	5
Cul-de-sac shield	CSS	ACC-LG66V16LED-CSS	ACC-LG66V20LED-CSS	Yes	Yes	Yes	Yes	Yes	Yes
Front side shield	FSS	ACC-LG66V16LED-FSS	ACC-LG66V20LED-FSS	Yes	Yes	Yes	Yes	No	Yes
House side shield	HS	ACC-LG66V16LED-HS	ACC-LG66V20LED-HS	Yes	Yes	Yes	Yes	Yes	No
Left side shield	LSS	ACC-LG66V16LED-LSS	ACC-LG66V20LED-LSS	Yes	Yes	Yes	Yes	Yes	Yes
Right side shield	RSS	ACC-LG66V16LED-RSS	ACC-LG66V20LED-RSS	Yes	Yes	Yes	Yes	Yes	Yes

*Refer to Wattage table to confirm light engine configuration. Example, if configuration is 2x16LED, 2 of the desired shields must be ordered per luminaire.